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CMK

FOLEY, HOAG & ELIOT LLP
ONE POST OFFICE SQUARE
BOSTON, MASSACHUSETTS 02109

Telephone: (617) 832-1000

Facsimile: (617) 832-7000

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April 6, 1999

TO: Examiner Claire Kaufman
FAX #: (703) 308-0294
CONFIRMATION #: (703) 305-5791

CLIENT SYMBOL-CASE #: 19788-006.11

FROM: Anita Varma

EXT: 1242

USER #: 7414

TOTAL PAGES SENT: 9 (including cover sheet)

MESSAGE

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PATENT
Attorney Docket No. HMV-006.11

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Philip W. Ingham et al.) Art Unit: 1646
Serial No.: 08/954,771) Examiner: C. Kaufman
Filing Date: October 20, 1997)
For: *Vertebrate Embryonic Pattern Inducing*)
Proteins and Uses Related Thereto)

Assistant Commissioner for Patents
Washington, D.C. 20231

Second Preliminary Amendment

Sir:

The Examiner restricted the claims of the instant application in a Restriction Requirement mailed from the U.S. Patent and Trademark Office on September 18, 1998. In response to the Restriction Requirement, Applicants filed a complete response on January 19, 1999. Prior to Examination, please amend the claims as follows:

IN THE CLAIMS

1. (reiterated) A method for modulating one or more of growth, differentiation and survival of a neuronal cell, comprising contacting said cell with an effective amount of a *hedgehog* polypeptide.

49. (amended) A method for [modulating one or more of growth, differentiation and] [promoting survival of [a] mammalian neuronal cells responsive to *hedgehog* induction, comprising treating the cell with an effective amount of a *hedgehog* polypeptide, thereby